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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	E-13170
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<i>First Inventor</i>	Belov, et al
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<i>Title</i>	Method for Increasing the Dynamic Range of Mass...
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Express Mail Label No. ET626516212US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - i i. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____/_____

Prior application information:

Examiner.

Group Art Unit: _____

Prior application information: _____ Examiner: _____ Group: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ *Customer Number or Bar Code Label*

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

<i>Name</i>	Douglas E. McKinley, Jr.
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McKinley Law Office

Address	P.O. Box 202
---------	--------------

City	Richland
------	----------

State	WA
-------	----

Zip Code	99352
----------	-------

Country	USA
---------	-----

Telephone	509 628-0809
-----------	--------------

Fax 509 628-2307

Name (Print/Type)	Douglas E. McKinley, Jr.
-------------------	--------------------------

Registration No. (Attorney/Agent)

40,280

Signature

Date 10-10-2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/12/01
109976505-1012001

PTO/SB/17 (09/00)

Approved for use through 10/31/2001. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL For FY 2001		Complete If Known	
Patent fees are subject to annual revision.		Application Number	not yet assigned
		Filing Date	herewith
		First Named Inventor	Mikhail Belov
		Examiner Name	not yet assigned
		Group/Art Unit	not yet assigned
TOTAL AMOUNT OF PAYMENT (\$)		Attorney Docket No.	E-13170
355.00			

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 02-1275 Deposit Account Name: Battelle Memorial Institute - PND <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status		3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	
2. Payment Enclosed: <input type="checkbox"/> check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge- late filing fee or oath	
FEE CALCULATION		127 50 227 25 Surcharge- late provisional filing fee or cover sheet	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		139 130 139 130 Non-English specification	
101 710 201 355 Utility filing fee 355		147 2,520 147 2,520 For filing a request for reexamination	
106 320 206 160 Designing filing fee		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
107 490 207 245 Plant filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
108 710 208 355 Reissue filing fee		115 110 215 55 Extension for reply within first month	
114 150 214 75 Provisional filing fee		116 390 216 195 Extension for reply within second month	
SUBTOTAL (1) (\$) 355		117 890 217 445 Extension for reply within third month	
2. EXTRA CLAIM FEES Total Claims 11 - 20 ** Fee form below Fee Paid Independent Claims 2 - 3** Fee Paid Multiple Dependent Fee Paid		118 1,390 218 695 Extension for reply within forth month	
**or number previously paid, if greater. For Reissues, see below		128 1,890 228 945 Extension for reply within fifth month	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description		119 310 219 155 Notice of Appeal	
103 18 203 9 Claims in excess of 20		120 310 220 155 Filing a brief in support of an appeal	
102 80 202 40 Independent claims in excess of 3		121 270 221 135 Requesting for oral hearing	
104 270 204 135 Multiple dependent claim, if not paid		138 1,510 138 1,510 Petition to institute a public use proceeding	
109 80 209 40 **Reissue independent claims over original patent		140 110 240 55 Petition to revive - unavoidable	
110 18 210 9 **Reissue claims in excess of 20 and over original patent		141 1,240 241 620 Petition to revive - unintentional	
SUBTOTAL (2) (\$) 0.00		142 1,240 242 620 Utility issue fee (or reissue)	
		143 440 243 220 Design issue fee	
		144 600 224 300 Plant issue fee	
		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional applications	
		126 240 126 240 Submission of Information Disclosure Stmt	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179 710 279 355 Request for Continued Examination (RCE)	
		Other fee (specify)	
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Douglas E. McKinley, Jr.	Registration No. (Attorney/Agent)	40,280
Signature		Telephone	(509) 628-0809
		Date	10-10-2001

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL MAILING LABEL # ET626516212US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
MIKHAIL BELOV, et al.)
)
)
)
For: A METHOD FOR INCREASING) Our Ref. No: E-13170
THE DYNAMIC RANGE OF MASS)
SPECTROMETER)

CERTIFICATE OF MAILING

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- [X] Patent Application of 21 pages, and
- [X] Drawings of 9 Sheets
- [X] Patent Transmittal
- [X] Patent Fee Transmittal (2 ea.)
- [X] Assignment / Transmittal
- [X] Combined Declaration and Power of Attorney
- [] Information Disclosure
- [] with attachments
- [X] Return Card

are being deposited with the United States Postal Service as:

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in an envelope addressed to the Assistant Commissioner for
Patents, Box Patent Application, Washington, D.C. 20231,
on the date set forth below.

Janice K. Laybourn
Signature
October 12, 2001
Date Deposited

Janice K. Laybourn K1-53
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Laboratories
P.O. Box 999
Richland, WA 99352
(509) 375-2655

09976505-101201